

CURRENT INDUSTRIAL REPORTS SERIES

2006

MQ334R — COMPUTERS (SHIPMENTS)

The 2006 MQ334R, Current Industrial Report (CIR) survey was changed from an annual survey to a quarterly survey. The annual survey MA334R has been discontinued for 2006. It was changed to a quarterly reporting basis per the needs and requests of data users. You received this questionnaire because our records indicate that your establishment manufactures one or more of the products collected by this survey. The "Concordance Table" located in section (5) of this manual contains the new 2005 product list linked to the old 2004 product list based on the changes that were made for the 2005 survey year. Please take the time to familiarize yourself with the new product lines created that correspond to those you reported in the past.

The CIR program is one of our most popular programs with the business community. The key to its popularity is accurate reporting by survey respondents like you. We are making changes to this survey to increase the usefulness and the return on your investment of time and effort. We look forward to working with you in the future to continue the success of this program.

DEFINITIONS AND SPECIAL INSTRUCTIONS

1. Scope of survey

This survey covers manufacturers of computers and related equipment. Computers are also referred to as automatic data processing machines.

2. Figures to be reported

Companies with more than one establishment manufacturing the products covered by this survey are requested to complete a separate report form for each location. If you have not received a separate form for each of your establishments, please call the contact shown on the report form or write to the U.S. Census Bureau for additional forms.

a. Quantity and value of shipments

The figures on quantity and value of shipments should include the physical shipments of all products sold, transferred to other establishments within your company, or shipped on consignment, whether for domestic or export sale. The value represents the net sales price, f.o.b. plant, to the customer or branch to which the products are shipped, net of discounts, allowances, freight charges and returns. Shipments to your own branches should be assigned the same value as comparable sales to unaffiliated customers, i.e., the value includes an appropriate allocation of company overhead and profit. Products bought and resold without further manufacture should not be included in shipments.

Include shipments of new and completed machines and parts which are sold separately. Include machines shipped on consignment as well as to central warehouses and sales branches of your company, whether or not they were sold by the end of the reporting year. Deduct allowances for products returned during the reporting year. *Include* factory rebuilt machines but not those reconditioned or repaired. *Do not include* products manufactured in other plants of your company or products made by other manufacturers which were purchased by you for resale.

Leased machines — For products leased or rented by your company, report the number and estimated values. The

estimate should approximate the value of the products sold outright. If no such prices exist, the value may be based on the valuation placed on these items for tax, insurance, or similar purposes.

b. Columnar structure of report

When entering your figures on the report form, please be sure to report the information in the correct columns as follows:

Column 1 — Quantity

Column 2 — Value (report shipments in thousands of dollars. Example: \$1,000,000, report as \$1,000)

c. Special instructions

Parts — Report a component or subassembly in the parts category only if:

- (1) Your company fabricates or assembles the complete item at the reporting location; and
- (2) The item is not explicitly specified within the 10-digit North American Industry Classification System (NAICS)-based product classifications as defined for use in the 5-year Economic Census or Current Industrial Reports (CIR) program.

Exclude:

- Printed circuit boards without componentry (report on CIR Form MA334Q)
- Other electronic componentry (e.g. relays, capacitors, switches, semiconductors; report on CIR Form MA334Q)
- Power supplies (report on CIR Form MA334Q)
- Fasteners, stampings, and similar hardware
- Equipment enclosures (also NAICS 332322C101, 332322C206, 332322C311)

CURRENT INDUSTRIAL REPORTS SERIES

MQ334R

DEFINITIONS AND SPECIAL INSTRUCTIONS — Continued

c. Special Instructions—Continued

Include:

- Other subassemblies not specified elsewhere that are specialized for use only in complete equipment you manufacture.

3. Definitions

ELECTRIC COMPUTERS

Blade server (item code 1124)—A thin, modular electronic circuit board, containing one or more microprocessors, that is dedicated to a single task. The operating system and its application program are already on board.

Host systems (item codes 1110–1197) — Systems that are designed to simultaneously execute instructions from multiple users.

Single-user computers (item codes 1410–1492) — Designed and sold as a single user system—Limited to those systems designed to execute instructions from a single user. User programmable in a high-level language and can independently initiate and operate end user applications. Exclude any special purpose processors such as consumer/financial systems, fixed function devices such as calculators, word/spelling/language processors, note takers, etc.

Smart handheld devices (item code 1447)—These devices include Personal Digital Assistants (PDA's), pen-based handhelds, key-based handhelds, and convergence devices. Mobile phones are excluded.

Other computers (item 1500) — Include products that are dedicated towards a specific task that is computational in nature. Examples of such products are array processors, database processors, vector processors, and image processors. Usually these processors work on a specific class of tasks in combination with some other computer. Include analog or hybrid computers.

COMPUTER STORAGE DEVICES, TERMINALS, AND PERIPHERAL EQUIPMENT

Computer storage devices (items 2170–2650) — Equipment for data storage in addition to the main or cache storage of a computer (e.g., disk drives, tape drives). Exclude

storage media (e.g. disks, tape), which should be reported as "magnetic and optical recording media" (items 5027–5090).

Computer terminals (items 2840–2860) — General purpose equipment for human-controlled data entry into or interaction with a computer system. Local processing, storage or other intelligence is limited to that required for formatting data for output, display or communication. Exclude personal computers or workstations, which should be reported in items 1410 or 1420. Report point-of-sale terminals in items 4017. Also see "Computer peripheral equipment, not elsewhere classified (n.e.c)."

Computer peripheral equipment, n.e.c. (items 3737–3890) — Exclude devices that can communicate within a computer system but that are designed primarily for some other application that is not primarily computational in nature. For example, exclude equipment designed primarily for measurement or control (NAICS 334513 and 334515), communication (NAICS 334210 and 334220), machining (NAICS 333511 through 333518), or any other specific application.

Bar code devices (item 3752) — Equipment for reading an array of rectangular bars and spaces which are arranged in a predetermined pattern following unambiguous rules in a specific way to represent elements of data which are referred to as characters. Includes readers, scanners and decoders.

Magnetic strip (item code 3788) — Records, or encodes, information onto a material, using low or high energy electromagnetic charges. These charges or signals can then be read by a decoder that translates them into numbers and characters for identification by a computer.

Funds transfer devices (item code 4017) — Devices facilitating the handling of various financial transactions involving the consumer and financial institutions. Typically, these devices provide services such as account status inquiries, transfers of funds to and from various accounts, withdrawals, deposits, and payments.

Point-of-sale devices (item code 4017) — Devices facilitating the handling of various retail transactions involving the sale, exchange, or return of merchandise or service.

ABBREVIATIONS AND METRIC CONVERSIONS

cm = Centimeters (cm)
2 inches = 2.54 centimeters (cm)
cm = 0.3937 inches

CURRENT INDUSTRIAL REPORTS SERIES

MQ334R

DEFINITIONS AND SPECIAL INSTRUCTIONS — Continued

4. Comparability

If you also report in the Annual Survey of Manufactures (Form MA-10000), the sum of values for item codes shown in column (a) should correspond to the dollar values reported under product class codes indicated in column (b) below:

Current Industrial Reports (Form MQ334R)	Annual Survey of Manufactures
Item codes (a)	Product class codes (b)
1110 through 1197	3341111
1410 through 1492	3341117
1500	334111D
2170 through 2622	3341121
2650	3341124
2840	3341131
2860	3341134
3737 through 3880	3341191
3890	3341194
4017	3341197
4035	334119D
5027 through 5090	3346130

CURRENT INDUSTRIAL REPORTS SERIES

5. Concordance of Product Codes and Item Codes: 2005 to 2004

2005 Product Code	2005 Item Code	2005 Survey Name	2004 Survey Name	2004 Product Code	2004 Item Code
3341111101	1110	MA334R	MA334R	3341111101	1110
3341111104	1115	MA334R	new to cir	new to cir	new to cir
3341111108	1124	MA334R	new to cir	new to cir	new to cir
3341111112	1130	MA334R	MA334R	3341111105	1130
3341111117	1197	MA334R	MA334R	3341111103	1120
3341111117	1197	MA334R	MA334R	3341111106	1190
3341111117	1197	MA334R	MA334R	3341111109	1195
3341111	1199	MA334R	MA334R	3341111101	1110
3341111	1199	MA334R	MA334R	3341111103	1120
3341111	1199	MA334R	MA334R	3341111105	1130
3341111	1199	MA334R	MA334R	3341111106	1190
3341111	1199	MA334R	MA334R	3341111109	1195
3341117107	1410	MA334R	MA334R	3341117107	1410
3341117109	1420	MA334R	MA334R	3341117109	1420
3341117127	1437	MA334R	MA334R	3341117111	1430
3341117127	1437	MA334R	MA334R	3341117112	1435
3341117127	1437	MA334R	MA334R	3341117113	1440
3341117129	1447	MA334R	MA334R	3341117115	1450
3341117129	1447	MA334R	MA334R	3341117117	1460
3341117129	1447	MA334R	new to cir	new to cir	new to cir
3341117130	1492	MA334R	MA334R	3341117125	1495
3341117130	1492	MA334R	MA334R	3341117119	1490
3341117	1499	MA334R	MA334R	3341117107	1410
3341117	1499	MA334R	MA334R	3341117109	1420
3341117	1499	MA334R	MA334R	3341117111	1430
3341117	1499	MA334R	MA334R	3341117112	1435
3341117	1499	MA334R	MA334R	3341117113	1440
3341117	1499	MA334R	MA334R	3341117115	1450
3341117	1499	MA334R	MA334R	3341117117	1460
3341117	1499	MA334R	MA334R	3341117119	1490
3341117	1499	MA334R	MA334R	3341117125	1495
334111D	1500	MA334R	MA334R	334111D121	1500
334111	1599	MA334R	MA334R	XXX	1599
3341121109	2170	MA334R	MA334R	3341121109	2170
3341121112	2227	MA334R	MA334R	3341121102	2020
3341121112	2227	MA334R	MA334R	3341121111	2220
3341121112	2227	MA334R	MA334R	3341121113	2250
3341121112	2227	MA334R	MA334R	3341121115	2280
3341121112	2227	MA334R	MA334R	3341121116	2320
3341121112	2227	MA334R	MA334R	3341121120	2365
3341121123	2390	MA334R	MA334R	3341121123	2390
3341121138	2597	MA334R	MA334R	3341121129	2500
3341121138	2597	MA334R	MA334R	3341121131	2530
3341121138	2597	MA334R	MA334R	3341121133	2560
3341121138	2597	MA334R	MA334R	3341121135	2590

CURRENT INDUSTRIAL REPORTS SERIES

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2005 Product Code	2005 Item Code	2005 Survey Name	2004 Survey Name	2004 Product Code	2004 Item Code
3341121141	2617	MA334R	new to cir	new to cir	new to cir
3341121145	2622	MA334R	MA334R	3341121124	2410
3341121145	2622	MA334R	MA334R	3341121127	2470
3341121145	2622	MA334R	MA334R	3341121145	2620
3341121	2629	MA334R	MA334R	3341121	2629
3341124	2650	MA334R	MA334R	3341124101	2650
3341131	2840	MA334R	MA334R	3341131101	2680
3341131	2840	MA334R	MA334R	3341131103	2710
3341131	2840	MA334R	MA334R	3341131105	2740
3341131	2840	MA334R	MA334R	3341131107	2770
3341131	2840	MA334R	MA334R	3341131109	2800
3341131	2840	MA334R	MA334R	3341131111	2830
3341134	2860	MA334R	MA334R	3341134101	2860
3341191110	3737	MA334R	MA334R	3341191100	3705
3341191110	3737	MA334R	MA334R	3341191101	3710
3341191110	3737	MA334R	MA334R	3341191103	3716
3341191110	3737	MA334R	MA334R	3341191105	3722
3341191110	3737	MA334R	MA334R	3341191107	3728
3341191110	3737	MA334R	MA334R	3341191109	3734
3341191115	3752	MA334R	MA334R	3341191115	3752
3341191117	3758	MA334R	MA334R	3341191117	3758
3341191124	3777	MA334R	MA334R	3341191119	3764
3341191124	3777	MA334R	MA334R	3341191121	3770
3341191124	3777	MA334R	MA334R	3341191122	3773
3341191124	3777	MA334R	MA334R	3341191123	3776
3341191127	3788	MA334R	MA334R	3341191127	3788
3341191132	3807	MA334R	MA334R	3341191131	3800
3341191132	3807	MA334R	MA334R	3341191133	3806
3341191135	3820	MA334R	MA334R	3341191135	3820
3341191138	3823	MA334R	new to cir	new to cir	new to cir
3341191140	3827	MA334R	MA334R	3341191137	3822
3341191140	3827	MA334R	MA334R	3341191137	3824
3341191145	3850	MA334R	MA334R	3341191145	3850
3341191147	3854	MA334R	MA334R	3341191145	3854
3341191152	3867	MA334R	MA334R	3341191149	3860
3341191152	3867	MA334R	MA334R	3341191151	3866
3341191154	3877	MA334R	new to cir	new to cir	new to cir
3341191156	3879	MA334R	MA334R	3341191111	3740
3341191156	3879	MA334R	MA334R	3341191113	3746
3341191156	3879	MA334R	MA334R	3341191125	3782
3341191156	3879	MA334R	MA334R	3341191129	3794
3341191156	3879	MA334R	MA334R	3341191153	3872
3341191156	3879	MA334R	MA334R	3341191155	3878
3341191157	3880	MA334R	MA334R	3341191141	3830
3341191157	3880	MA334R	MA334R	3341191157	3884
3341191	3889	MA334R	MA334R	3341191	3889
3341194	3890	MA334R	MA334R	3341194101	3890

CURRENT INDUSTRIAL REPORTS SERIES

5. Concordance of Product Codes and Item Codes: 2005 to 2004

2005 Product Code	2005 Item Code	2005 Survey Name	2004 Survey Name	2004 Product Code	2004 Item Code
3341197	4017	MA334R	MA334R	3341197103	4010
3341197	4017	MA334R	MA334R	3341197107	4016
334119D	4035	MA334R	MA334R	334119D100	4035
3346130215	5027	MA334R	MA334R	3346131111	5005
3346130215	5027	MA334R	MA334R	3346131211	5018
3346130215	5027	MA334R	MA334R	3346131213	5024
3346130614	5038	MA334R	MA334R	3346131614	5038
3346130615	5042	MA334R	MA334R	3346131615	5042
3346130501	5048	MA334R	MA334R	3346131501	5048
3346130423	5087	MA334R	MA334R	3346131411	5054
3346130423	5087	MA334R	MA334R	3346131413	5060
3346130423	5087	MA334R	MA334R	3346131415	5066
3346130423	5087	MA334R	MA334R	3346131417	5072
3346130423	5087	MA334R	MA334R	3346131419	5078
3346130423	5087	MA334R	MA334R	3346131421	5084
3346130617	5090	MA334R	MA334R	3346131617	5090
3346130	5099	MA334R	MA334R	3346131	5099
9999998900	9110	MA334R	MA334R	4216900000	9110
9999998041	9140	MA334R	MA334R	9999998000	9140
9999737230	9290	MA334R	MA334R	5415120000	9290

CURRENT INDUSTRIAL REPORTS SERIES

REFERENCE LIST

FORM MQ334R		COMPUTERS (SHIPMENTS)
Product code	Item code	Item description
		ELECTRONIC COMPUTER MANUFACTURING <i>(Report quantity in number of units)</i>
3341111101	1110	Large-scale systems, including mainframes and super computers
*3341111104	1115	Midrange servers (all sizes)
*3341111108	1124	Blade servers
*3341111112	1130	PC servers
*3341111117	1197	Other host computers
*3341111	1199	Total host computers (sum of item codes 1110–1197)
3341117107	1410	Personal computers
3341117109	1420	Workstations (microprocessor-based single-user systems distinguished from PCs by operating systems and relative-high performance)
*3341117127	1437	Mobile computers (include notebooks, subnotebooks, laptops, and tablet PCs)
*3341117129	1447	Smart handheld devices
3341117130	1492	All other single-user computers
*3341117	1499	Total single user computers (sum of item codes 1410–1492)
334111D	1500	Other computers (including array and other analog, hybrid or special purpose computers)
334111	1599	Total computers (sum of item codes 1199, 1499, and 1500)
		COMPUTER STORAGE DEVICES <i>(Report quantity in number of units)</i>
3341121109	2170	Disk subsystems and disk arrays for multiuser computer systems
*3341121112	2227	Disk drives (all sizes)
3341121123	2390	Storage Area Networks (SANs)
3341121138	2597	Tape drives (all sizes)
3341121141	2617	USB Flash memory (thumb drives)
*3341121145	2622	Other computer storage devices
3341121	2629	Total computer storage devices and equipment (sum of item codes 2170–2620)
3341124	2650	Computer storage parts and subassemblies
		COMPUTER TERMINALS <i>(Report quantity in number of units)</i>
3341131	2840	Computer terminals
3341134	2860	Computer terminal parts and subassemblies (see instructions)

* New or revised for 2005.

CURRENT INDUSTRIAL REPORTS SERIES

REFERENCE LIST — Continued

FORM MQ334R		
Product code	Item code	Item description
		COMPUTER PERIPHERAL EQUIPMENT (<i>Report quantity in number of units</i>)
*3341191110	3737	Input devices, all types
3341191115	3752	Optical scanning devices: bar codes
3341191117	3758	Optical scanning devices: OCR equipment
*3341191124	3777	Optical scanning devices: scanners
3341191127	3788	Magnetic strip and ink recognition equipment
*3341191132	3807	Impact printers: line type and serial type
3341191135	3820	Nonimpact printers: laser
*3341191138	3823	Nonimpact printers: multifunction
*3341191140	3827	Nonimpact printers: other
3341191145	3850	Plotters
3341191147	3854	Monitors: flat bed panel, (excluding terminals)
*3341191152	3867	Monitors: other than flat panel
*3341191154	3877	Mobile and wireless projectors
*3341191156	3879	All other peripheral equipment
3341191157	3880	Accessories for computer peripherals
3341191	3889	Total computer peripheral equipment (<i>sum of item codes 3737–3880</i>)
3341194	3890	Parts and subassemblies for computer peripherals
3341197	4017	Funds transfer and P.O.S. terminals
334119D	4035	Parts and attachments for P.O.S. and funds transfer devices
		MAGNETIC AND OPTICAL RECORDING
*3346130215	5027	Rigid disks, all sizes
3346130614	5038	Flexible disks
3346130615	5042	Optical disks
*3346130501	5048	Bulk magnetic tape
*3346130423	5087	Packaged magnetic tape (all types)
3346130617	5090	Other magnetic recording media, including parts
3346130	5099	Total magnetic and optical recording media and parts (<i>Sum of item codes 5027–5090</i>)
		SELECTED NONMANUFACTURING REVENUES
9999998900	9110	Resales—Sales of products bought and sold without further manufacture, processing, or assembly
9999998041	9140	Research and development, testing and evaluation of systems and components
9999737230	9290	Systems integration revenues

3/27/06

* New or revised for 2005.